

Amendments to the Specification

Please replace the paragraph that begins on Page 1, line 5 and carries over to Page 2, line 6 with the following marked-up replacement paragraph:

– The present invention is related to U. S. Patent _____ (serial number 09/669,227, filed 09/25/2000), titled “Object Model and Framework for Installation of Software Packages Using Instantiated Objects JavaBeans™”, U. S. Patent _____ (serial number 09/707,656, filed 11/07/2000), titled “Object Model and Framework for Installation of Software Packages Using Object Descriptors”; U. S. Patent _____ (serial number 09/707,545, filed 11/07/2000), titled “Object Model and Framework for Installation of Software Packages Using Object REXX”; U. S. Patent _____ (serial number 09/707,700, filed 11/07/2000), titled “Object Model and Framework for Installation of Software Packages Using Structured Documents”; U. S. Patent _____ (serial number 09/879,694, filed 06/12/2001), titled “Efficient Installation of Software Packages”; U. S. Patent _____ (serial number 09/_____, filed number 09/908,927, filed 07/19/2001), titled “Object Model and Framework for Installation of Software Packages using a Distributed Directory”; and U. S. Patent _____ (serial number 09/930,359, filed concurrently herewith), titled “Extending Installation Suites to Include Topology of Suite’s Run-Time Environment”. These inventions are commonly assigned to the International Business Machines Corporation (“IBM”) and are hereby incorporated herein by reference. --

Please replace the paragraph on Page 22, lines 7 - 20 with the following marked-up replacement paragraph:

-- Fig. 3 illustrates several rules 310, 320, 330 which comprise a sample rules base 300 to

illustrate selection of a topology-specific configuration based upon dynamically-obtained topology input information. Rule 310, for example, is intended to illustrate the preferred configuration where information about the central processing unit ("CPU") of a target machine is also considered when matching the conditions in the rules. Rule 310 checks for availability of an AIX machine having a particular type of CPU (shown as having the value [[“X”]] “W” or [[“Y”]] “X” in the example syntax), and of an AIX machine having a different type of CPU (having the value “Q” in the example syntax), and of a Windows machine having a CPU speed that exceeds some number “N”. When all of these conditions are met by the input topology information, a value of “Preferred_Topology” will be returned as output of matching this rule 310. Rules 320 and 330 specify different conditions, and if these conditions are matched when the rules engine executes, then a value of “Alternative_1_Topology” or “Alternative_2_Topology”, respectively, will be returned. (It will be obvious that the syntax shown in Fig. 3 is merely illustrative of syntax that may be used for specifying rules.) —

Please replace the paragraph that begins on Page 43, lines 11 and carries over to Page 44, line 3 with the following marked-up replacement paragraph:

— Fig. 12 depicts a preferred embodiment of logic with which the installation time processing may be performed. This processing is described in terms of installation from a staging server on which the suite beans and component beans, as well as their objects, are stored (or are otherwise accessible), across a network to one or more target devices. It will be obvious to one of ordinary skill in the art how the process of Fig. 12 may be altered for use in other installation scenarios, including installation on a stand-alone machine which is not connected to a

network, or a local installation where the client and server are co-resident, or installation using a client/server "pull" model rather than the "push" model illustrated in Fig. 12. (Note that the staging server may optionally be a directory server, and the techniques of the related invention entitled "Object Model and Framework for Installation of Software Packages using a Distributed Directory" may also be embodied within an implementation of the present invention. Refer to this related patent for more information on suite installation using a directory server.) --

Please replace the paragraph on Page 45, lines 9 - 19, with the following marked-up replacement paragraph:

-- If the authentication is successful, each target client then requests the staging server to send the necessary objects to perform the software installation on that device. In particular, the device requests delivery of a suite object (Block 1220), where the suite object will contain one or more component objects for installation on this client device, according to a topology which has been defined by the suite creator and for which the topological installation suite has been adapted by the presence of a Topology object created according to the topology suite invention. The staging server receives this request, and returns the appropriate Suite object (Block 1225). Upon receiving the Suite object, the client may then request (Block 1230) delivery of a Machine Group object. A Machine Group object contains one or more component objects which are appropriate to this particular type of client device, as previously described. After receiving this request, the staging server returns the requested object (Block 1235). --